



Astana Hybrid Power Plant

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Summary: ASTANA -- KazMunayGas (KMG), the national oil and gas company, and Italian energy company Eni have initiated the construction of a 247-megawatt hybrid power plant in Zhanaozen on July 16.

Why is KMG launching a hybrid power plant in Kazakhstan?

This milestone follows an Agreement signed between the two companies, marking the inception of Kazakhstan's first hybrid power plant integrating solar, wind, and gas power to produce and supply low-carbon, stable electricity to KMG subsidiaries in the region.

What's happening in Astana & Zhanaozen?

It's worth noting that on June 8 of this year, in Astana, in the presence of the head of state, Kasym-Jomart Tokayev, an agreement was signed on the principles of jointly implementing the Hybrid Power Plant project in Zhanaozen. The plant will have a capacity of 120 MW and will be based on renewable energy sources (wind + solar) and gas.

What is a hybrid power plant (hybrid project)?

The hybrid power plant (Hybrid Project) is based on the combined electricity generation from Renewable Sources (wind and solar) and a Gas Power Plant (GasPP), which helps to: Main consumers: Usten and Karamandybas fields, Ozenmunaigas JSC - 91 MW, "Albian-Cenomanian Stage PWRU-2" Project - 2.06 MW, the new KazGPP plant - 9.5 MW

Who will supply a new 120 MW power plant in Kazakhstan?

Technology group Wartsila will supply the engineered equipment for a new 120 MW power plant under construction in Kazakhstan. The order was placed by Kazakhstan Caspian Offshore Industries (KCOI) and booked by Wartsila in Q4 2024.

Will KMG build a hybrid power plant?

The agreement on the construction of a hybrid power plant is a continuation of KMG's and ENI's efforts under the Memorandum of Cooperation, signed in July 2021, in the development of energy transition projects for the generation and sale of electricity. * * *

Will a Wartsila engine power plant work in Kazakhstan?

"This will be the first hybrid project of its type to be implemented in Kazakhstan. The engine power plant is essential to enable a stable and reliable supply of electricity, and the Wartsila engines will efficiently regulate the frequency and voltage to ensure this reliability is achieved," says Mirko Borghesi, CEO of KCOI.

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Eni and oil and gas operator KazMunayGas (KMG) will work together to build Kazakhstan's first hybrid renewables-gas power plant, the Italian energy group said on ...

Having discussed a wide range of bilateral cooperation matters, KMG and ENI agreed in principle on joint implementation of the project for construction in the Mangystau ...

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The hybrid power plant will combine electricity generation from renewable energy sources--wind and solar--with a gas-fired power plant to ensure stable electricity production. ...

ASTANA, Kazakhstan, June 1. During a working visit to the Mangystau region, Chairman of the Board of KazMunayGas, Askhat Khassenov, visited the construction site of a hybrid power ...

The solar and wind power generated will provide stable, low-carbon electricity to KMG facilities in the area, balanced with additional capacity from a gas power plant. The project leverages our ...

Eni hybrid power station (????????? ?????????????? Eni) is a power station under construction in Zhanaozen, Mangystau, Kazakhstan. It is also known as Zhanaozen ...

ASTANA, Kazakhstan, January 18. Kazakhstan's KazMunayGas and the Italian Eni have jointly confirmed their investment decision to embark on a project for building a hybrid ...

This milestone follows an Agreement signed between the two companies, marking the inception of Kazakhstan's first hybrid power plant integrating solar, wind, and gas power to ...

The project is "Kazakhstan's first hybrid power plant integrating solar, wind, and gas power".

Astana-3 power station (????????????? ???-3, ???-3 ??????, ???-3 ???"????") is a power station in Nur-Sultan, Saryarqa District, Akmola, Kazakhstan with multiple units of ...

Italy's Eni and Kazakh state-owned KazMunayGas (KMG) have commenced construction on their joint 250 MW hybrid renewables-gas power ...

In 2022, the Kyrgyz Republic signed an agreement with Kazakhstan and Uzbekistan for the joint construction of the Kambar-Ata-1 hydroelectric power plant (HPP) on ...



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Astana-2 power station (Астана-2, Астана-2) is an operating power station of at least 600-megawatts (MW) in Nur-Sultan, Saryarqa District, ...

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